

Technical Group
Sub-Professional Engineering and
Planning Series

TRAFFIC ENGINEERING TECHNICIAN I**CHARACTERISTICS OF THE CLASS:**

Under general supervision, performs a variety of sub-professional traffic engineering work; and performs related work as required.

EXAMPLES OF DUTIES:

Draws plans for traffic signal installations; prepares "as built" traffic signal plans to reflect changes made in the field; calculates vehicle capacities at intersections; plots graphs used in making calculations relating to traffic conditions; conducts manual pedestrian and vehicular traffic surveys and counts; installs mechanical traffic counters; draws collision diagrams to determine types and number of accidents; makes detailed measurements of streets to draw physical condition plans to be used in traffic channelization to improve traffic flow and traffic safety.

DESIRABLE MINIMUM QUALIFICATIONS:

Training and Experience: Graduation from high school or technical school and two years experience in sub-professional engineering work, preferably in traffic engineering; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Knowledge of the fundamental principles and practices of sub-professional civil engineering; some knowledge of traffic counting equipment and its use.

Ability to perform limited drafting assignment related to traffic engineering; ability to follow detailed oral and written instructions; ability to meet and deal effectively with the public.

Skill in the use of drafting instruments.

Director of Personnel

Department Head